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# Effectiveness Analysis for LHA's

4 March 2003



# Overview

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- Background
- Strategy
- Preliminary Findings
- Summary



# Background

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- NAVSEA presented Gross Effectiveness Breakdown at interim FLSIC
- Top Breakdown Gross Effectiveness
  - G & J Source Code Analysis
  - 2 years of 3M data
- Broken out by TYCOM/Ship Class
- Definition:
  - G Source Code: Not Listed on APL, Not Carried
  - J Source Code: Listed on APL, Not Carried



# Background (cont.)

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- Preliminary analysis over the two years of data suggested that CM may not be the driver
- Two areas of focus:
  - NIS Rates
  - Non compute “J” Source Codes
- Currently conducting analysis on “J” Source Codes



# Background (cont.)

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- Specific concerns focused on LHA's
  - Decline in net effectiveness at end of CY 02
  - COSAL accuracy improved?
    - “G” Source Codes down significantly
  - Provisioning vs. Configuration issues



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# Strategy



# Strategy

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- Assess Net effectiveness (Why aren't allowed parts available?)
  - Identify factors
    - Re-order policy
    - Ship MOF processing
    - Inspections
    - Requisition status (NA/NM/BD)
  - Dependent on Fleet input
    - Provide information
    - ID other factors



# Strategy (cont.)

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- Assess Gross Effectiveness
  - Why aren't parts allowed?
    - Technical coding
      - Beyond maintenance capability
      - Precluded from allowance consideration
    - Allowance computation technique
    - Obsolescence
  - Identify “problem” systems





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# Preliminary Findings



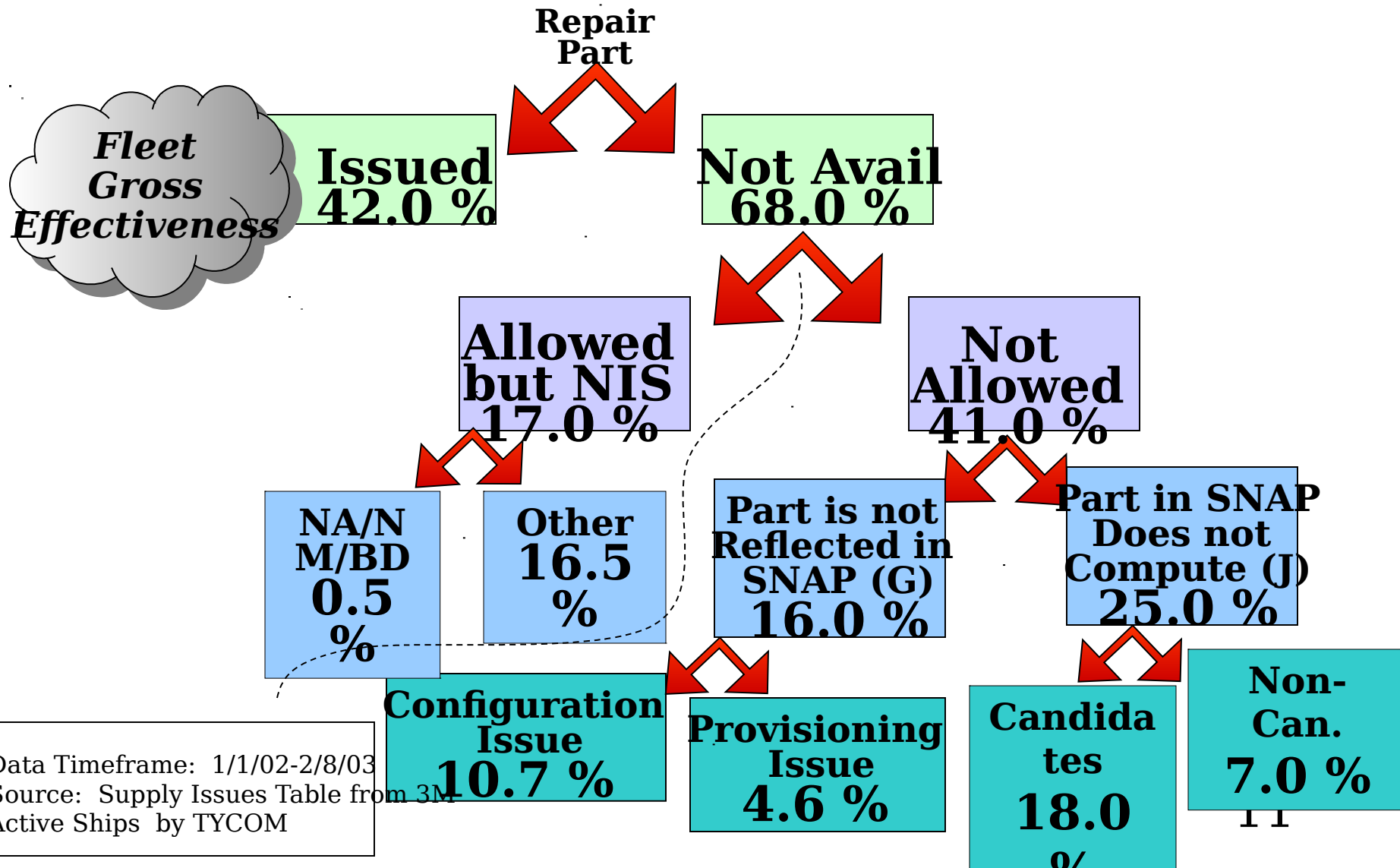
# Preliminary Findings

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- Net Effectiveness
  - 3-M data gathered from Jan 02 – Feb 03
    - 13,780 issues for LHAs
      - 74 in NA/NM/BD status
- Gross Effectiveness
  - OMMS-NG conversion
    - All LHA's converted prior to study period
  - “J” source code analysis

# LHA Breakdown

**Ship's Maint  
Force Action**



Data Timeframe: 1/1/02-2/8/03  
Source: Supply Issues Table from 3M  
Active Ships by TYCOM



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# Summary



# Summary

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- Establish methodology
  - Obtain concurrence
  - Apply methodology to other ship classes
- Continue to gather additional data
  - Relying on TYCOMs to provide ship related info.
  - ID and obtain pertinent supply support data
- Conduct as on-going process
  - Assign process under purview of CM working group chair

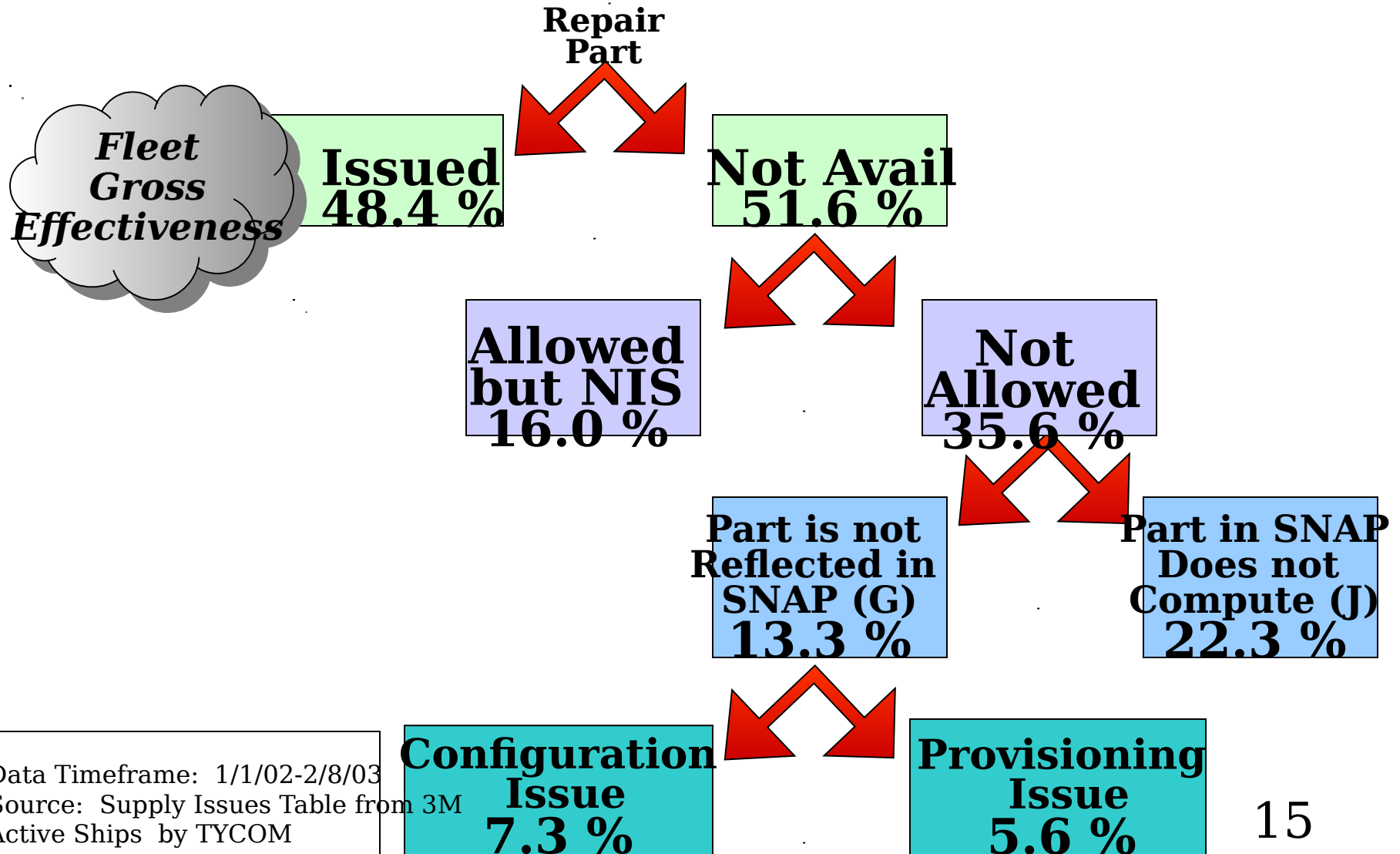


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# Back-up Slides

# LHA 1 Breakdown

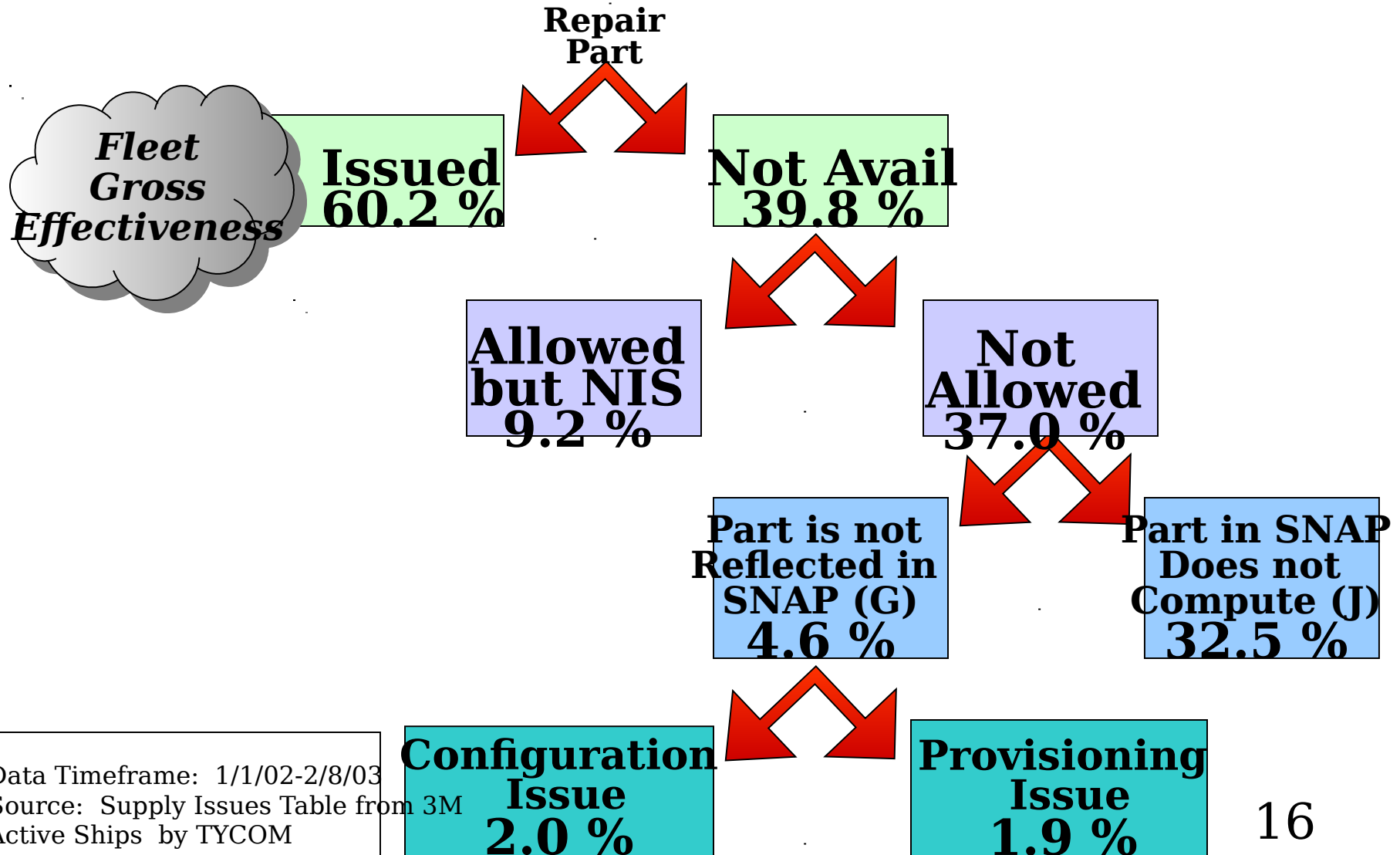
**Ship's Maint  
Force Action**



Data Timeframe: 1/1/02-2/8/03  
Source: Supply Issues Table from 3M  
Active Ships by TYCOM

# LHA 2 Breakdown

**Ship's Maint  
Force Action**

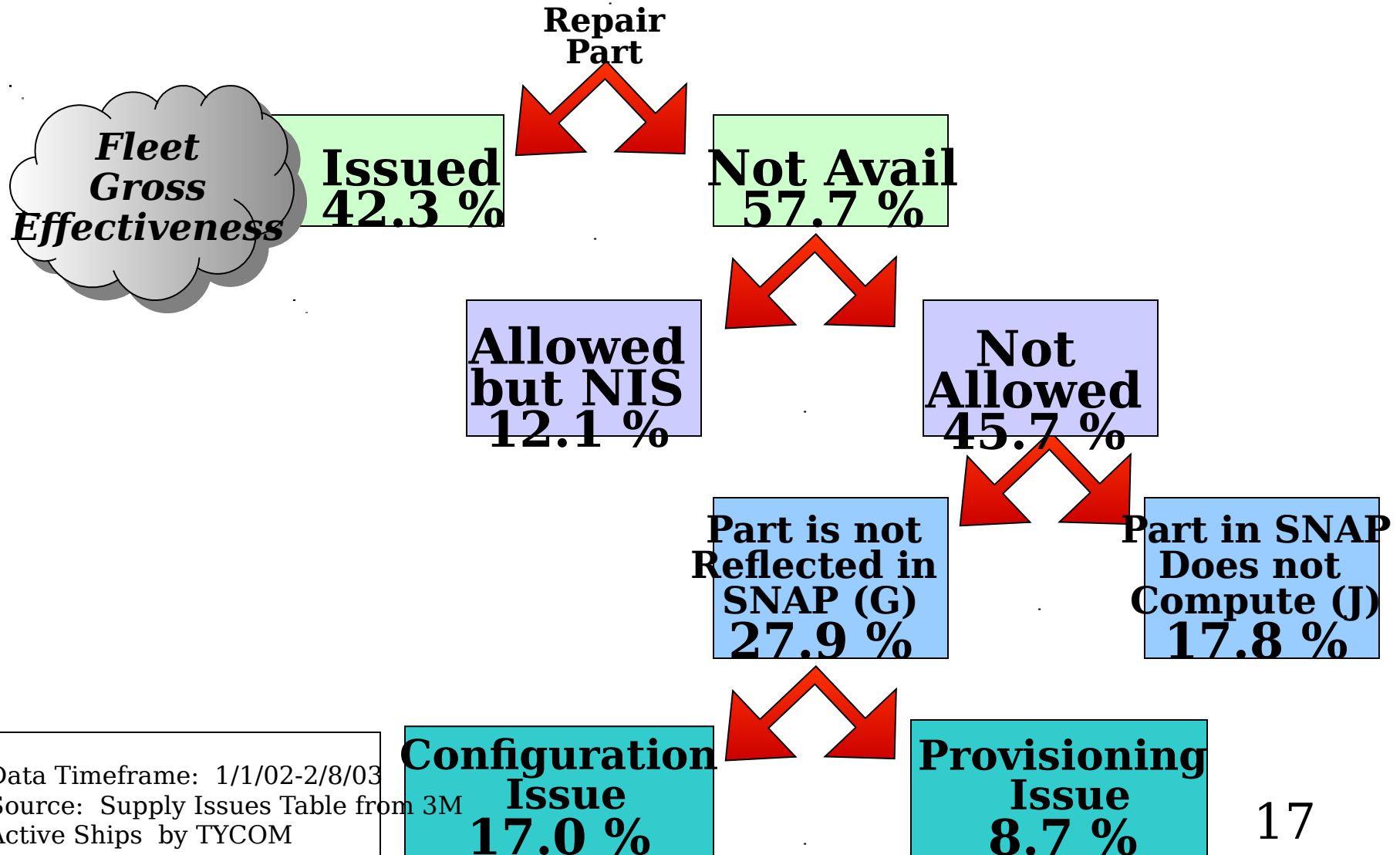


Data Timeframe: 1/1/02-2/8/03  
Source: Supply Issues Table from 3M  
Active Ships by TYCOM



# LHA 3 Breakdown

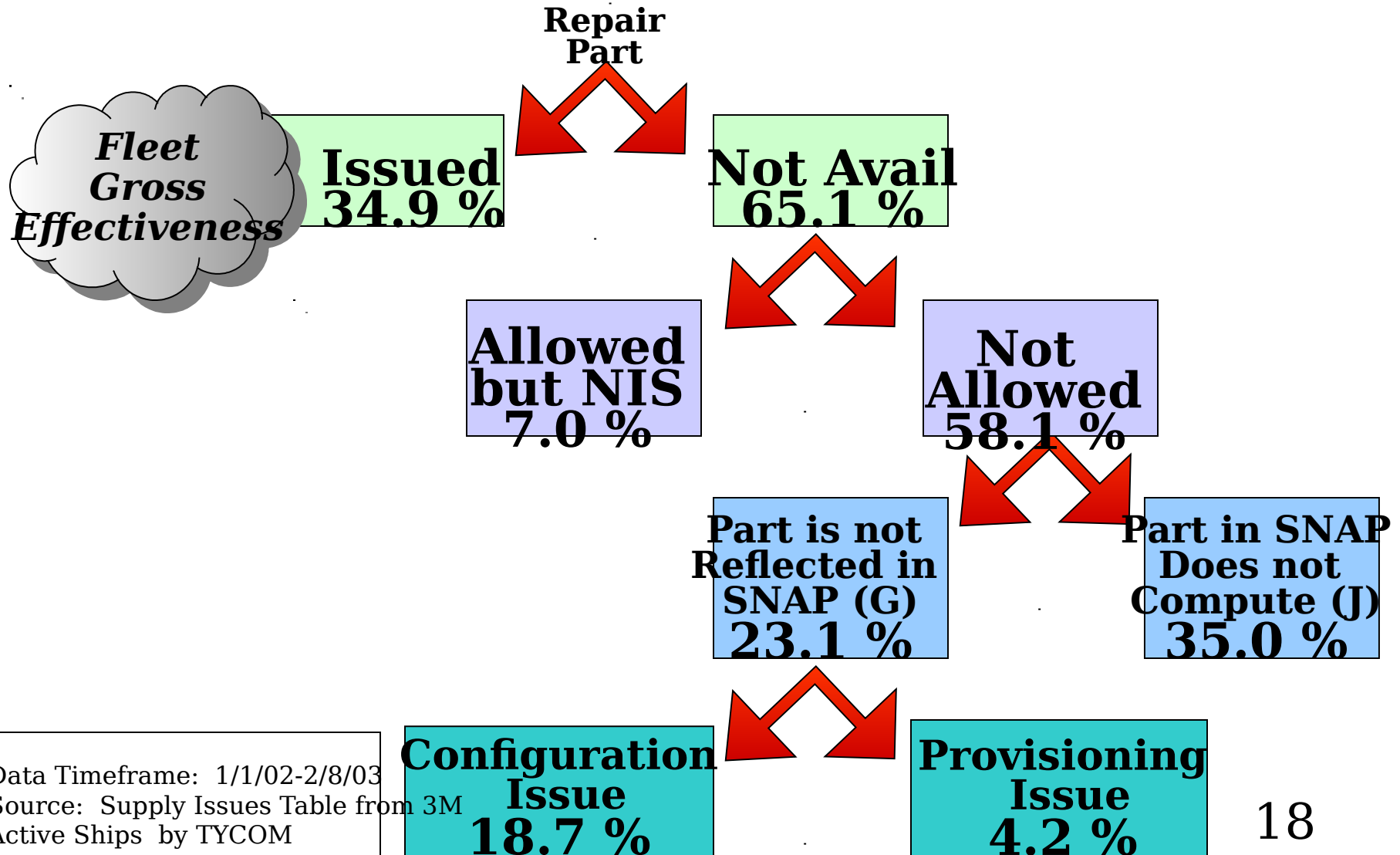
**Ship's Maint  
Force Action**



Data Timeframe: 1/1/02-2/8/03  
Source: Supply Issues Table from 3M  
Active Ships by TYCOM

# LHA 4 Breakdown

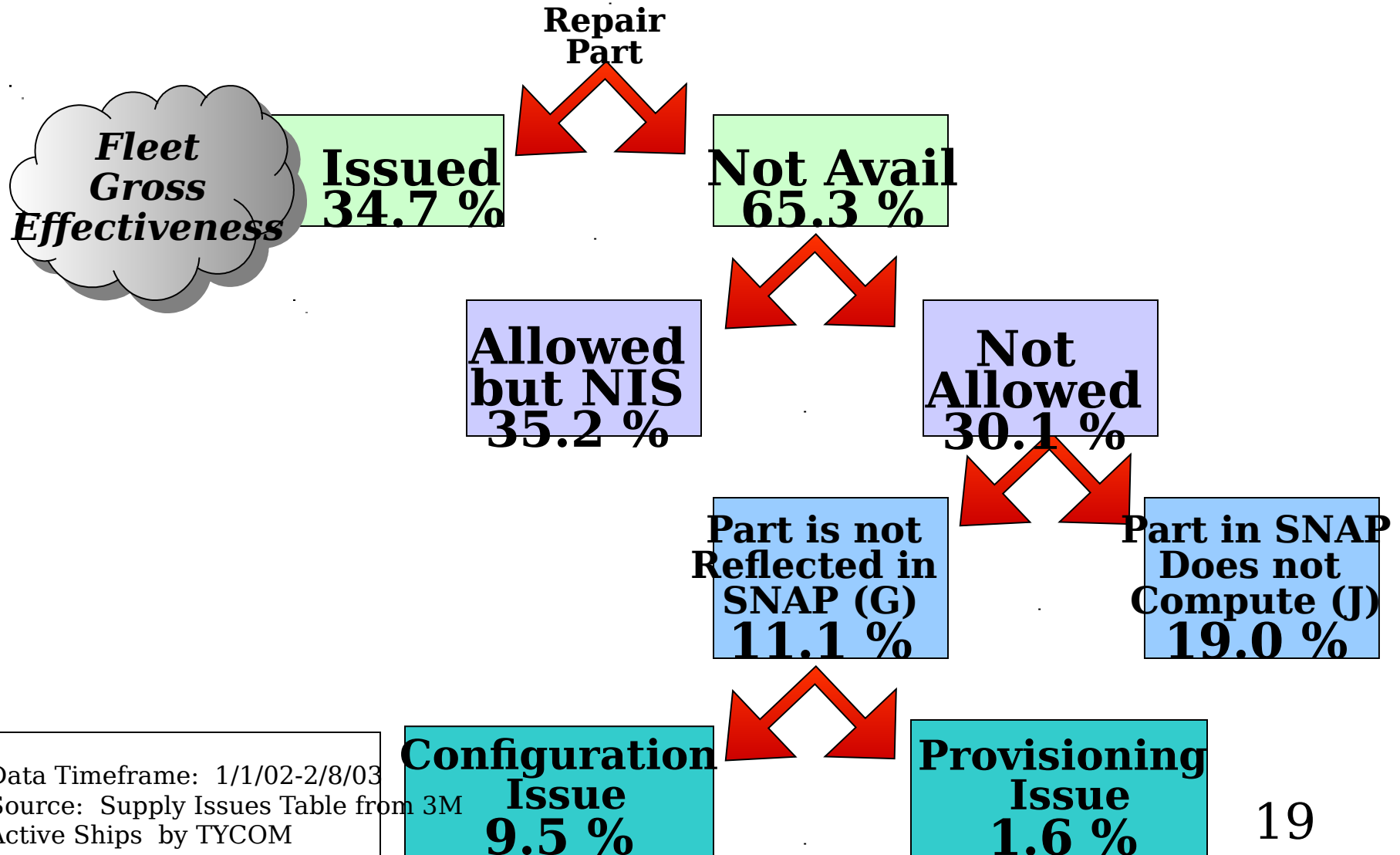
**Ship's Maint  
Force Action**



Data Timeframe: 1/1/02-2/8/03  
Source: Supply Issues Table from 3M  
Active Ships by TYCOM

# LHA 5 Breakdown

**Ship's Maint  
Force Action**



Data Timeframe: 1/1/02-2/8/03  
Source: Supply Issues Table from 3M  
Active Ships by TYCOM